



## FORM PTO-1449 (SUBSTITUTE)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(37 CFR 1.98(b))

Attorney Docket No.: MUH-12838      App. No. 10/698,082

Applicant  
Armin Willmeroth et al.Filing Date  
October 30, 2003      Group Art Unit  
2815

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
A						
B						
C						
D						
E						
F						
G						
H						
I						

## FOREIGN PATENT DOCUMENT

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
J						
K						
L						
M						
N						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MCL	O	Hajime Akiyama et al.: "Effects of Shorted Collector on Characteristics of IGBTs", <i>Proceedings of 1990 International Symposium on Power Semiconductor Devices and ICs</i> , Tokyo, 1990, pp. 131-136
	P	

## EXAMINER

*Matthew J. Lien*

## DATE CONSIDERED

1/5/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: MUH-12838 Appl. No.:	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Applicant: ARMIN WILLMEROOTH ET AL.	
		Filing Date: October 30, 2003 Group Art Unit: 2815	

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
MCL	A	5,475,243	12/12/95	Salto			
MCL	B	6,222,248 B1	4/24/01	Fragapane			
MCL	C	5,284,780	2/8/94	Schulze et al.			
MCL	D	5,105,244	4/14/92	Bauer			
MCL	E	5,702,961	12/30/97	Park			
MCL	F	5,141,889	8/25/92	Terry et al.			
MCL	G	6,271,545 B1	8/7/01	Schulze			
MCL	H	4,893,165	1/9/90	Miller et al.			
	I						

## FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
MCL	J	0 330 122 B1	8/30/89	Europe			X
	K						
	L						
	M						
	N						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
Maurice John	1/5/05